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“जानने का अधिकार, जीने का अधिकार”

Mazdoor Kisan Shakti Sangathan

“The Right to Information, The Right to Live”

“पुराने को छोड़ नये के तरफ”

Jawaharlal Nehru

“Step Out From the Old to the New”

IS 5000-OD47 (1986): Dimensions of Semiconductor Devices, Device Outline OD47 [LITD 5: Semiconductor and Other Electronic Components and Devices]

“ज्ञान से एक नये भारत का निर्माण”

Satyanaaranay Gangaram Pitroda

“Invent a New India Using Knowledge”



“ज्ञान एक ऐसा खजाना है जो कभी चुराया नहीं जा सकता है”

Bhartṛhari—Nītiśatakam

“Knowledge is such a treasure which cannot be stolen”



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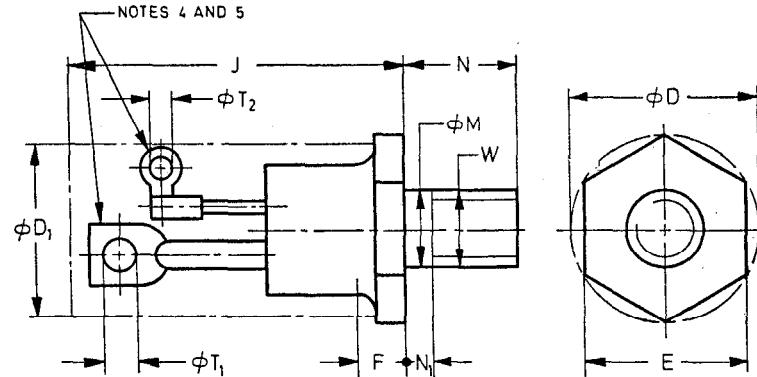
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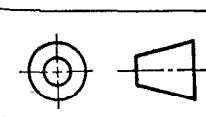


DIMENSIONS OF SEMICONDUCTOR DEVICES DEVICE OUTLINE OD 47

1. Dimensions — This drawing has been prepared in accordance with IS : 5001 (Part 1)-1969 'Guide for preparation of drawings of semiconductor devices and integrated circuits : Part 1 Semiconductor devices'.



Reference	Millimetres			Notes
	Min	Nom	Max	
ϕD	—	—	12.82	—
ϕD_1	—	—	—	1, 2
F	1.91	—	—	—
J	—	—	24.13	1
ϕM	—	—	—	3
N	10.72	—	11.50	—
N_1	—	—	1.98	—
ϕT_1	1.53	—	—	—
ϕT_2	1.15	—	—	—
E	—	11.0	—	—
W	—	M5	—	—



IS : 5000 (OD 47) - 1986

Note 1 — The device, with the exception of the hexagon and thread, lies within the cylinder of diameter D_1 and length J .

Note 2 — Diameter D_1 must not be greater than the actual across flats dimension of the hexagon used.

Note 3 — Diameter M refers to zone N_1 . The maximum value should not exceed the outside diameter of the thread.

Note 4 — The contour and orientation of the terminal slugs or lugs are undefined.

Note 5 — The large terminal lug is No. 1, the small terminal lug is No. 2.

2. Rules for Coding — See 8.1 of IS : 5001 (Part 1)-1969.

3. Equivalent Designations

Country or Organization	Code
IEC	A13M
United Kingdom	—
Netherlands	NT10M
France	F72M
Japan	SC-13